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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Noel C. MacDonald et al.	Examiner:	Thao X. Le
Serial No.:	10/823,559	Group Art Unit:	2814
Filed:	April 14, 2004	Docket:	G&C 30794.169-US-U1
Title:	METAL MEMS DEVICES AND METHODS OF MAKING SAME		

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on April 5, 2006.

By: 

Name: George H. Gates

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please revoke the existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

George H. Gates	Registration No. 33,500
Victor G. Cooper	Registration No. 39,641
William J. Wood	Registration No. 42,236
Jason S. Feldmar	Registration No. 39,187
Anthony J. Orlor	Registration No. 41,232
Manali Dighe	Registration No. 56,856

Please direct all correspondence in this application to George H. Gates at

Customer Number 22462

GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
Telephone: (310) 641-8797

BEST AVAILABLE COPY

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, as assignee, declares that 100% ownership is established for the above-referenced invention, and patent application. A Certificate under 37 C.F.R. 3.73(b) is enclosed.

Respectfully submitted,

THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA

Dated: April 5, 2006

By: Linda S. Stevenson
Linda Stevenson
Manager, Patent Prosecution

GHG/bjs
Enclosures: Certificate Under 37 C.F.R. §3.73(b)
Copy of Recorded Assignment

G&C 30794.169-US-U1

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PATENT

S/N 10/823,559

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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation organized and existing under the laws of the State of California, having a place of business at 1111 Franklin Street, 12th Floor, Oakland, California 94607-5200, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

An assignment from the inventor(s), Noel C. MacDonald and Marco F. Aimi to THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark Office on April 14, 2004, at Reel 015214, Frame 0543 (copy attached).

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA owns 100% interest in the above-identified patent application.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

April 5, 2006

By:

Name: Linda StevensonTitle: Manager, Patent Prosecution

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 05, 2004

PTAS



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JONES, TULLAR & COOPER, P.C.
GEORGE M. COOPER
P.O. BOX 2266 EADS STATION
ARLINGTON, VA 22202

2004

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/14/2004

REEL/FRAME: 015214/0543
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MACDONALD, NOEL C.

DOC DATE: 04/09/2004

ASSIGNOR:

AIMI, MARCO F.

DOC DATE: 04/09/2004

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF
CALIFORNIA, THE
1111 FRANKLIN STREET, TWELFTH
FLOOR
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 10823559

FILING DATE: 04/14/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METAL MEMS DEVICES AND METHODS OF MAKING SAME

015214/0543 PAGE 2

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Practitioner's Docket No. UC 2003-360

04-12-2004

PATENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

102724288

16698 U.S. PTO
041404

17548 U.S. PTO
10/823559
041404

COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 C.F.R. § 3.31)

IDENTIFICATION OF APPLICATION
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

1. The patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:
- a. Type of application: Application of patent (37 C.F.R. § 1.53(b))
 - b. Date of execution: April 9, 2004
 - c. Name of each inventor:
 - 1: Noel C. MacDonald
 - 2: Marco F. Aimi
 - d. Title of invention: Metal MEMS Devices and Methods of Making Same

10823559

NAME OF PARTY(IES) CONVEYING INTEREST (37 C.F.R. § 3.31(a)(1))

2. The parties conveying this interest are:

Name 1: Noel C. MacDonald
Name 2: Marco F. Aimi

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 C.F.R. § 3.31(a)(2))

3. The rights are being conveyed to:

The Regents of the University of California
1111 Franklin Street, Twelfth Floor
Oakland, CA 94607-5200
510-587-6000

Cover Sheet for Assignment Accompanying New Patent Application—page 1 of 3

04/15/2004 JERILIAN 00000043 10823559

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**DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED
(37 C.F.R. § 3.31 (a)(3))**

4. The accompanying document intends to accomplish:

an assignment.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 C.F.R. § 3.31(a)(5))**

5. Please address correspondence to:

George M. Cooper
Jones, Tullar & Cooper, P.C.
P.O. Box 2266 Eads Station
Arlington, VA 22202
703-415-1500

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. § 3.31(a)(7))

6. The attached assignment (document) was executed on April 9, 2004.

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

7. The attached document is in the English language.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

8. Submitted herewith is a true copy of the original document.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE**

9. A. This cover sheet identifies only one application.
B. The fee for recordal (37 C.F.R. § 1.21(h)) is \$40.00.

Attached is a check in the amount of \$40.00.

A duplicate of this paper is attached.

**STATEMENT (37 C.F.R. § 3.31(a)(9))
AND SIGNATURE (37 C.F.R. § 3.31(a)(10))**

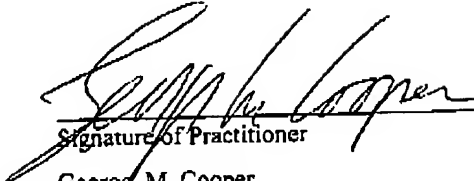
10. To the best of my knowledge and belief, the foregoing information is true and correct and any

attached copy is a true copy of the original document.

Date:

April 14, 2004

Reg. No.: 20201
Tel. No.: 703-415-1500
Customer No.: 23294


Signature of Practitioner

George M. Cooper
Jones, Tullar & Cooper, P. C.
P. O. Box 2266 Eads Station
Arlington, VA 22202
US

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 5

ASSIGNMENTU.C. Case No. 2003-360-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Noel C. MacDonald2. Marco F. Aiml

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

METAL MEMS DEVICES AND METHODS OF MAKING SAME

and which is found in

(a) ☐ U.S. provisional application filed herewith and listing the above named persons as inventors(b) ☒ U.S. patent application filed herewith and listing the above named persons as inventors(c) ☐ U.S. application serial no. _____, filed on _____(d) ☐ U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

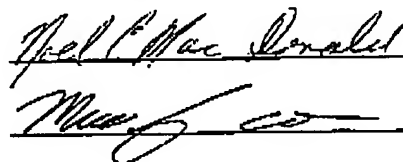
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Signature of Inventor(s)

9 day of April, 20049 day of April, 2004

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